



"Your Direct source for Plant reliability, Maintenance, Test & Measurement"

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## Wilcoxon Research

### High output accelerometer: 786-500

The new 786-500, from Wilcoxon Research, provides a high output broadband frequency response for **multi-use applications**

Low frequency applications – strong 500 mV/g output overcomes data collector noise

High speed applications – 5X the sensitivity for better detection of low level vibrations

#### Specifications for the 786-500

Superior broadband frequency response

- $\pm 3$ dB: 0.2 Hz to 14 kHz
- 10%: 0.5 Hz to 9 kHz
- 5%: 0.7 Hz to 5 kHz

Acceleration range: 10 g

Tight sensitivity tolerance: 5%

Excellent broadband noise floor: 250  $\mu$ g

500 mV/g accelerometers minimize electronic noise and maximize voltage output to the monitoring instrument. The ability to provide a stronger, cleaner signal is important to applications like:



Turbocompressors  
Precision balanced high speed machinery  
Cooling tower fans  
Slow speed gearboxes  
Wind turbines  
Food processing equipment  
Slow speed agitators  
Paper machine rollers  
Large fans



Wilcoxon Research

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